

University of Nebraska - Lincoln

## DigitalCommons@University of Nebraska - Lincoln

---

Nebraska Tractor Tests

Tractor Test and Power Museum, The Lester F. Larsen

---

2011

### Test 1991: John Deere 8360R

Nebraska Tractor Test Laboratory

*University of Nebraska-Lincoln*, [tractortestlab@unl.edu](mailto:tractortestlab@unl.edu)

Follow this and additional works at: <https://digitalcommons.unl.edu/tractormuseumlit>



Part of the [Energy Systems Commons](#), [History of Science, Technology, and Medicine Commons](#), [Other Mechanical Engineering Commons](#), [Physical Sciences and Mathematics Commons](#), [Science and Mathematics Education Commons](#), and the [United States History Commons](#)

---

Laboratory, Nebraska Tractor Test, "Test 1991: John Deere 8360R" (2011). *Nebraska Tractor Tests*. 2380. <https://digitalcommons.unl.edu/tractormuseumlit/2380>

This Article is brought to you for free and open access by the Tractor Test and Power Museum, The Lester F. Larsen at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Nebraska Tractor Tests by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

# NEBRASKA OECD TRACTOR TEST 1991—SUMMARY 759

## JOHN DEERE 8360R DIESEL

### INFINITELY VARIABLE TRANSMISSION

#### POWER TAKE-OFF PERFORMANCE

Power HP (kW)	Crank shaft speed rpm	Gal/hr (l/h)	lb/hp.hr (kg/kW.h)	Hp.hr/gal (kW.h/l)	Mean Atmospheric Conditions
<b>MAXIMUM POWER AND FUEL CONSUMPTION</b>					
<b>Rated Engine Speed—(PTO speed—1049 rpm)</b>					
321.84 (240.00)	2100	17.65 (66.81)	0.387 (0.235)	18.24 (3.59)	
<b>Standard Power Take-off Speed(1001 rpm)</b>					
346.28 (258.22)	2000	18.71 (70.84)	0.381 (0.232)	18.50 (3.65)	
<b>Maximum Power (1 hour)</b>					
355.36 (265.00)	1800	19.21 (72.72)	0.382 (0.232)	18.50 (3.64)	

#### VARYING POWER AND FUEL CONSUMPTION

321.84 (240.00)	2100	17.65 (66.81)	0.387 (0.235)	18.24 (3.59)	Air temperature
281.20 (209.69)	2155	15.68 (59.35)	0.393 (0.239)	17.93 (3.53)	73°F (23°C)
211.77 (157.92)	2165	12.48 (47.23)	0.416 (0.253)	16.97 (3.34)	Relative humidity
142.03 (105.92)	2175	9.42 (35.67)	0.468 (0.285)	15.08 (2.97)	22%
71.24 (53.12)	2186	6.43 (24.35)	0.637 (0.388)	11.08 (2.18)	Barometer
3.76 (2.81)	2196	4.33 (16.38)	8.116 (4.937)	0.87 (0.17)	29.06" Hg (98.41 kPa)

Maximum Torque - 1139 lb.-ft. (1544 Nm) at 1600 rpm

Maximum Torque Rise - 41.2%

Torque rise at 1700 engine rpm - 35%

Power increase at 1800 rpm - 10.5%

#### DRAWBAR PERFORMANCE

##### UNBALLASTED - FRONT DRIVE ENGAGED

##### FUEL CONSUMPTION CHARACTERISTICS

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Hp.hr/gal (kW.h/l)	Temp.°F (°C) cool- ing med	Air dry bulb	Barom. inch Hg (kPa)
<b>Maximum Power—5.6 mph (9.0 km/h)</b>									
279.15 (208.16)	20226 (89.97)	5.18 (8.33)	2101	5.4	0.445 (0.271)	15.86 (3.12)	213 (100)	50 (10)	28.92 (97.93)
<b>75% of Pull at Maximum Power—5.6 mph (9.0 km/h)</b>									
218.86 (163.20)	15170 (67.48)	5.41 (8.71)	2159	3.8	0.462 (0.281)	15.27 (3.01)	191 (88)	53 (12)	28.76 (97.39)
<b>50% of Pull at Maximum Power—5.6 mph (9.0 km/h)</b>									
148.68 (110.87)	10112 (44.98)	5.52 (8.88)	2170	2.5	0.521 (0.317)	13.55 (2.67)	209 (98)	53 (12)	28.75 (97.36)
<b>75% of Pull at Reduced Engine Speed—Automode</b>									
219.19 (163.45)	15266 (67.91)	5.39 (8.67)	1785	3.8	0.435 (0.264)	16.23 (3.20)	200 (93)	53 (12)	28.75 (97.36)
<b>50% of Pull at Reduced Engine Speed—Automode</b>									
148.63 (110.83)	10223 (45.47)	5.45 (8.77)	1440	2.5	0.445 (0.271)	15.86 (3.12)	187 (86)	54 (12)	28.75 (97.36)

**Location of tests:** Nebraska Tractor Test Laboratory,  
University of Nebraska, Lincoln, Nebraska 68583-0832

**Dates of tests:** April 20 - May 5, 2011

**Manufacturer:** John Deere Tractor Works, 3500  
East Donald St., P.O. Box 270, Waterloo Ia,  
50704-0270

**FUEL, OIL and TIME:** Fuel No. 2 Diesel  
**Specific gravity converted to 60°/60°F (15°/15°C)**  
0.8476 **Fuel weight** 7.057 lbs/gal (0.846 kg/l)  
**Oil SAE 15W-40 API service classification** CI-4  
**Transmission and hydraulic lubricant** John Deere  
Hy-Gard fluid **Front axle lubricant** John Deere  
Hy-Gard fluid **Total time engine was operated:**  
29.5 hours

**ENGINE: Make** John Deere **Diesel Type** six  
cylinder vertical with two turbochargers and air to  
air aftercooler **Serial No.**\*RG6090R000668\*  
**Crankshaft** lengthwise **Rated engine speed** 2100  
**Bore and stroke** 4.661" x 5.354" (118.4 mm x 136.0  
mm) **Compression ratio** 16.0 to 1 **Displacement**  
548 cu in (8984 ml) **Starting system** 12 volt  
**Lubrication** pressure **Air cleaner** two paper  
elements and aspirator **Oil filter** one full flow  
cartridge **Oil cooler** engine coolant heat exchanger  
for crankcase oil, radiator for hydraulic and  
transmission oil **Fuel filter** one paper element and  
water separator **Fuel cooler** radiator for pump  
return fuel **Exhaust** regenerative particulate filter  
integrated within a vertical muffler **Cooling medium**  
**temperature control** 2 thermostats and variable  
speed fan

**ENGINE OPERATING PARAMETERS: Fuel**  
**rate:** 119.7 - 129.6 lb/h (54.3 - 58.8 kg/h) **High idle:**  
2175 - 2225 rpm **Turbo boost:** nominal 33.4 - 36.3  
psi (230 - 250 kPa) as measured 35.0 psi (240 kPa)

**CHASSIS: Type** front wheel assist with duals  
**Serial No.**\*1RW8360RPBD041126\* **Tread width**  
rear 60.0" (1524 mm) to 128.9" (3270 mm) front  
64.0" (1625 mm) to 87.6" (2225 mm) **Wheelbase**  
118.9" (3020 mm) **Hydraulic control system** direct  
engine drive **Transmission** Infinitely variable with  
four mechanical ranges and automatic shifting  
between ranges. **Nominal travel speeds mph (km/**  
**h)** forward - 0 - 26.1 mph, (0 - 42 km/h) reverse - 0  
- 12.4 mph (0-20 km/h) **Clutch** a foot pedal controls  
the hydrostatic oil flow **Brakes** wet multiple disc  
hydraulically operated by two foot pedals that can  
be locked together **Steering** hydrostatic **Power**  
**take-off** 1000 rpm at 2000 engine rpm **Unladen**  
**tractor mass** 28045 lb (12721 kg)

**DRAWBAR PERFORMANCE**  
**UNBALLASTED - FRONT DRIVE ENGAGED - 2100 RPM**  
**MAXIMUM POWER AT SELECTED SPEED SETTINGS**

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Temp. °F (°C) cool- ing med	Air dry bulb	Barom. inch Hg (kPa)	
3.7 mph (6.0 km/h)									
241.00 (179.71)	27396 (121.86)	3.30 (5.30)	2151	11.6	0.495 (0.301)	14.24 (2.81)	200 (93)	48 (9)	28.56 (96.72)
4.2 mph (6.8 km/h)									
261.79 (195.21)	26538 (118.04)	3.70 (5.95)	2102	10.5	0.481 (0.291)	14.69 (2.89)	208 (98)	49 (9)	28.62 (96.92)
4.7 mph (7.6 km/h)									
274.30 (204.54)	24000 (106.76)	4.29 (6.90)	2101	7.3	0.459 (0.279)	15.38 (3.03)	213 (100)	50 (10)	28.37 (96.07)
5.1 mph (8.2 km/h)									
279.55 (208.46)	22452 (99.87)	4.67 (7.52)	2100	6.3	0.447 (0.272)	15.79 (3.11)	213 (100)	51 (10)	28.35 (96.01)
5.6 mph (9.0 km/h)									
279.15 (208.16)	20226 (89.97)	5.18 (8.33)	2101	5.4	0.445 (0.271)	15.86 (3.12)	213 (100)	50 (10)	28.92 (97.93)
6.2 mph (10.0 km/h)									
278.16 (207.42)	17973 (79.95)	5.81 (9.34)	2100	4.5	0.449 (0.273)	15.73 (3.10)	212 (100)	48 (9)	28.94 (98.00)
6.8 mph (11.0 km/h)									
277.33 (206.80)	16216 (72.13)	6.41 (10.32)	2101	4.1	0.453 (0.276)	15.58 (3.07)	213 (101)	50 (10)	28.93 (97.97)
7.5 mph (12.0 km/h)									
276.60 (206.26)	14762 (65.66)	7.03 (11.31)	2099	3.6	0.453 (0.275)	15.59 (3.07)	213 (100)	52 (11)	28.86 (97.73)
8.1 mph (13.0 km/h)									
273.22 (203.74)	13437 (59.77)	7.63 (12.27)	2101	3.4	0.456 (0.278)	15.46 (3.05)	215 (101)	52 (11)	28.84 (97.66)
8.7 mph (14.0 km/h)									
272.24 (203.01)	12374 (55.04)	8.25 (13.28)	2101	3.1	0.458 (0.279)	15.40 (3.03)	214 (101)	52 (11)	28.81 (97.56)

**REPAIRS AND ADJUSTMENTS:** The load sense differential pressure was adjusted prior to the hydraulic flow tests.

**NOTE 1:** During testing the engine was operated for 29.5 hours. During this period, the tractor experienced one active exhaust filter cleaning while operated in Auto Filter Cleaning Mode. This occurred after 23.2 hours of operation.

**NOTE 2:** The manufacturer declared that the active exhaust filter cleanings consume an average of 0.04 gal/hr (0.15 l/hr) across total tractor use. Fuel consumed during the active exhaust filter cleanings will normally be less than 1% of the total fuel consumed. The manufacturer declared that no active exhaust filter cleanings occurred during 12 hours of continuous operation of the tractor in the Auto Filter Cleaning Mode at 30% loading and the engine speed at which the maximum torque occurs.

**NOTE 3:** Auto mode was selected by engaging the Full Auto icon on the control panel screen.

**REMARKS:** All test results were determined from observed data obtained in accordance with official OECD, SAE and Nebraska test procedures. This tractor did not meet the manufacturer's claims of 44% torque rise nor 12% power bulge. For the maximum power tests the fuel temperature at the injection pump inlet was maintained at 102°F(39°C). The performance figures on this summary were taken from a test conducted under the OECD Code 2 test code procedure.

We, the undersigned, certify that this is a true and correct report of official Tractor Test No. **1991**, Nebraska Summary 759, May 18, 2011.

Roger M. Hoy  
Director

M.F. Kocher  
D.R. Keshwani  
P.J. Jasa  
Board of Tractor Test Engineers

TRACTOR SOUND LEVEL WITH CAB	Front Wheel Drive	
	Engaged dB(A)	Disengaged dB(A)
At no load at 4.6 mph (7.5 km/h) engine speed - 2200 rpm	71.0	70.9
At no load at 4.6 mph (7.5 km/h) engine speed - 1200 rpm	64.4	64.0
Transport speed - no load - manual mode		71.7
Transport speed - no load - Full Auto mode		70.6
Bystander		83.1

TIRES, BALLAST AND WEIGHT	With Ballast	Without Ballast
<b>Rear Tires</b> - No., size, ply & psi(kPa)	Six 480/80R50;***;12(85)	Four 480/80R50;***;12(85)
<b>Ballast</b> - Triples (total)	2370 lb (1075 kg)	None
- Cast Iron (total)	5340 lb (2422 kg)	None
<b>Front Tires</b> - No., size, ply & psi(kPa)	Four 420/85R34;***;19(130)	Two 420/85R34;***;26(180)
<b>Ballast</b> - Duals (total)	1600 lb (726 kg)	None
- Cast Iron (total)	2500 lb (1134 kg)	None
<b>Height of Drawbar</b>	20.5 in (520 mm)	21.0 in (535 mm)
<b>Static Weight with operator</b> - Rear	22575 lb (10240 kg)	16260 lb (7375 kg)
- Front	17455 lb (7917 kg)	11960 lb (5425 kg)
- Total	40030 lb (18157 kg)	28220 lb (12800 kg)

**DRAWBAR PERFORMANCE**  
**UNBALLASTED - FRONT DRIVE ENGAGED - 1800 RPM**  
**MAXIMUM POWER AT SELECTED SPEED SETTINGS**

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Temp. °F(°C) cool- ing med	Air dry bulb	Barom. inch Hg (kPa)	
3.7 mph (6.0 km/h)									
240.42 (179.28)	27348 (121.65)	3.30 (5.30)	2150	11.6	0.499 (0.303)	14.15 (2.79)	198 (92)	48 (9)	28.56 (96.72)
4.2 mph (6.8 km/h)									
261.78 (195.21)	26506 (117.90)	3.71 (5.96)	2103	10.4	0.477 (0.290)	14.78 (2.91)	209 (98)	49 (9)	28.58 (96.78)
4.7 mph (7.6 km/h)									
280.38 (209.08)	25793 (114.73)	4.08 (6.56)	2044	9.3	0.463 (0.282)	15.24 (3.00)	213 (101)	51 (11)	28.37 (96.07)
5.1 mph (8.2 km/h)									
292.37 (218.02)	24760 (110.14)	4.43 (7.13)	2023	7.7	0.452 (0.275)	15.62 (3.08)	214 (101)	51 (11)	28.35 (96.01)
5.6 mph (9.0 km/h)									
297.54 (221.87)	23810 (105.91)	4.69 (7.54)	1939	7.2	0.448 (0.273)	15.75 (3.10)	213 (101)	50 (10)	28.91 (97.90)
6.2 mph (10.0 km/h)									
300.20 (223.86)	23162 (103.03)	4.87 (7.83)	1800	6.7	0.452 (0.275)	15.61 (3.07)	212 (100)	48 (9)	28.94 (98.00)
6.8 mph (11.0 km/h)									
303.47 (226.29)	21084 (93.79)	5.40 (8.69)	1799	5.8	0.446 (0.271)	15.83 (3.12)	213 (100)	51 (10)	28.91 (97.90)
7.5 mph (12.0 km/h)									
305.99 (228.17)	19343 (86.04)	5.93 (9.54)	1800	5.0	0.442 (0.269)	15.96 (3.14)	212 (100)	52 (11)	28.86 (97.73)
8.1 mph (13.0 km/h)									
304.74 (227.24)	17686 (78.67)	6.47 (10.40)	1800	4.5	0.447 (0.272)	15.80 (3.11)	214 (101)	52 (11)	28.83 (97.63)
8.7 mph (14.0 km/h)									
304.81 (227.30)	16313 (72.56)	7.01 (11.27)	1802	4.1	0.444 (0.270)	15.89 (3.13)	214 (101)	52 (11)	28.80 (97.53)
9.3 mph (15.0 km/h)									
303.50 (226.32)	15139 (67.34)	7.52 (12.09)	1801	3.8	0.446 (0.271)	15.84 (3.12)	214 (101)	52 (11)	28.80 (97.53)
9.9 mph (16.0 km/h)									
301.00 (224.46)	14037 (62.44)	8.05 (12.95)	1800	3.6	0.451 (0.274)	15.64 (3.08)	214 (101)	53 (11)	28.79 (97.49)

**DRAWBAR PERFORMANCE**  
**UNBALLASTED - FRONT DRIVE ENGAGED - AUTO MODE**  
**MAXIMUM POWER AT SELECTED SPEED SETTINGS**

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Consumption Hp.hr/gal (kW.h/l)	Temp. °F cool- ing med	Temp. °C Air dry bulb	Barom. inch Hg (kPa)
3.7 mph (6.0 km/h)									
238.83 (178.09)	27144 (120.74)	3.30 (5.31)	1877	11.7	0.473 (0.288)	14.93 (2.94)	208 (98)	48 (9)	28.55 (96.68)
4.2 mph (6.8 km/h)									
265.75 (198.17)	26330 (117.12)	3.79 (6.09)	1998	10.6	0.465 (0.283)	15.19 (2.99)	210 (99)	49 (10)	28.61 (96.88)
4.7 mph (7.6 km/h)									
290.87 (216.90)	25912 (115.26)	4.21 (6.78)	1967	9.5	0.457 (0.278)	15.44 (3.04)	213 (101)	51 (10)	28.37 (96.07)
5.1 mph (8.2 km/h)									
298.62 (222.68)	24739 (110.04)	4.53 (7.28)	1942	7.8	0.450 (0.274)	15.68 (3.09)	214 (101)	51 (11)	28.36 (96.04)
5.6 mph (9.0 km/h)									
295.93 (220.68)	23822 (105.96)	4.66 (7.50)	1942	7.4	0.451 (0.275)	15.64 (3.08)	214 (101)	49 (10)	28.91 (97.90)
6.2 mph (10.0 km/h)									
296.41 (221.03)	23130 (102.89)	4.81 (7.73)	1942	6.8	0.451 (0.274)	15.65 (3.08)	214 (101)	49 (9)	28.92 (97.93)
6.8 mph (11.0 km/h)									
300.34 (223.96)	21117 (93.93)	5.34 (8.59)	1942	5.8	0.443 (0.270)	15.91 (3.13)	214 (101)	51 (10)	28.91 (97.90)
7.5 mph (12.0 km/h)									
302.54 (225.60)	19362 (86.13)	5.86 (9.43)	1942	5.1	0.442 (0.269)	15.97 (3.15)	214 (101)	52 (11)	28.84 (97.66)
8.1 mph (13.0 km/h)									
301.24 (224.63)	17705 (78.75)	6.38 (10.27)	1941	4.6	0.443 (0.270)	15.92 (3.14)	215 (101)	52 (11)	28.82 (97.60)
8.7 mph (14.0 km/h)									
300.89 (224.37)	16373 (72.83)	6.89 (11.09)	1941	4.1	0.442 (0.269)	15.96 (3.14)	214 (101)	52 (11)	28.79 (97.49)
9.3 mph (15.0 km/h)									
298.62 (222.68)	15121 (67.26)	7.41 (11.92)	1940	3.8	0.446 (0.271)	15.84 (3.12)	214 (101)	52 (11)	28.79 (97.49)
9.9 mph (16.0 km/h)									
297.20 (221.62)	13831 (61.52)	8.06 (12.96)	1941	3.4	0.450 (0.274)	15.68 (3.09)	214 (101)	53 (12)	28.78 (97.46)

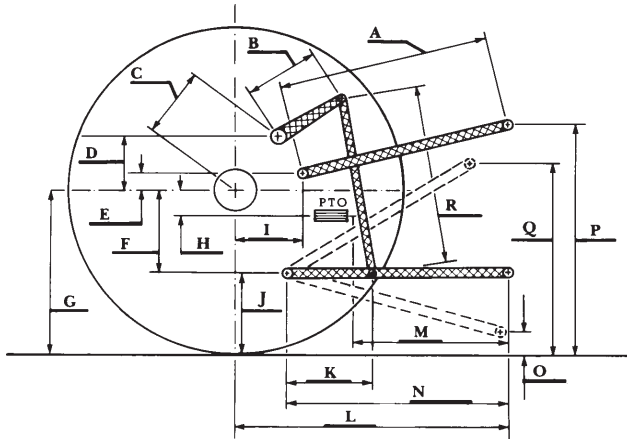
**DRAWBAR PERFORMANCE**  
**BALLASTED- FRONT DRIVE ENGAGED - 1800 RPM**  
**MAXIMUM POWER AT SELECTED SPEED SETTINGS**

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Fuel Consumption Hp.hr/gal (kW.h/l)	Temp. °F(°C) cool- ing med	Air dry bulb	Barom. inch Hg (kPa)
236.80 (176.58)	39429 (175.39)	2.26 (3.63)	2126	13.0	2.6mph(4.2km/h) 0.518 (0.315)	13.63 (2.68)	211 (99)	52 (11)	28.72 (97.26)
270.21 (201.49)	38050 (169.25)	2.66 (4.28)	2034	9.8	3.1mph(5.0km/h) 0.485 (0.295)	14.54 (2.86)	214 (101)	54 (12)	28.72 (97.26)
287.64 (214.49)	36013 (160.19)	3.00 (4.82)	1935	7.8	3.6mph(5.8km/h) 0.468 (0.285)	15.08 (2.97)	215 (102)	55 (13)	28.72 (97.26)
297.47 (221.82)	33682 (149.82)	3.31 (5.33)	1801	6.6	4.2mph(6.8km/h) 0.459 (0.279)	15.36 (3.03)	215 (101)	57 (14)	28.72 (97.26)
301.78 (225.03)	30177 (134.23)	3.75 (6.03)	1800	5.4	4.7mph(7.6km/h) 0.451 (0.275)	15.63 (3.08)	215 (102)	58 (14)	28.72 (97.26)
305.58 (227.87)	28152 (125.23)	4.07 (6.55)	1801	4.8	5.1mph(8.2km/h) 0.447 (0.272)	15.79 (3.11)	215 (102)	59 (15)	28.72 (97.26)
305.52 (227.82)	25492 (113.39)	4.50 (7.23)	1801	4.2	5.6mph(9.0km/h) 0.447 (0.272)	15.78 (3.11)	216 (102)	61 (16)	28.73 (97.29)
305.67 (227.93)	22825 (101.53)	5.02 (8.08)	1800	3.8	6.2mph(10.0km/h) 0.446 (0.271)	15.81 (3.12)	216 (102)	62 (17)	28.73 (97.29)
304.06 (226.74)	20570 (91.50)	5.55 (8.92)	1801	3.4	6.8mph(11.0km/h) 0.446 (0.271)	15.82 (3.12)	216 (102)	62 (17)	28.74 (97.33)
302.93 (225.89)	18721 (83.28)	6.07 (9.76)	1801	3.0	7.5mph(12.0km/h) 0.447 (0.272)	15.80 (3.11)	216 (102)	63 (17)	28.74 (97.33)
300.76 (224.27)	17092 (76.03)	6.60 (10.62)	1803	2.8	8.1mph(13.0km/h) 0.455 (0.277)	15.51 (3.06)	216 (102)	64 (18)	28.74 (97.33)
298.84 (222.84)	15759 (70.10)	7.12 (11.45)	1798	2.5	8.7mph(14.0km/h) 0.456 (0.278)	15.46 (3.05)	216 (102)	64 (18)	28.74 (97.33)
297.49 (221.84)	14599 (64.94)	7.64 (12.30)	1800	2.3	9.3mph(15.0km/h) 0.457 (0.278)	15.44 (3.04)	217 (103)	64 (18)	28.74 (97.33)
295.31 (220.21)	13575 (60.38)	8.16 (13.13)	1802	2.2	9.9mph(16.0km/h) 0.463 (0.281)	15.25 (3.00)	217 (103)	65 (18)	28.73 (97.30)

## HYDRAULIC PERFORMANCE

CATEGORY:	IVN
Quick Attach: Yes	
OECD Static test	
Lift cylinders:	2x112 mm
Maximum force exerted through whole range:	18326 lbs (81.5 kN)
i) Sustained pressure at compensator cutoff:	2952 psi (203 bar) <b>three outlet sets combined</b>
ii) Pump delivery rate at minimum pressure and rated engine speed:	64.2 GPM (242.8 l/min)
iii) Pump delivery rate at maximum hydraulic power:	64.2 GPM (243.0 l/min)
Delivery pressure:	2487 psi (171 bar)
Power:	93.2 HP (69.5 kW) <b>single outlet set</b>
ii) Pump delivery rate at minimum pressure and rated engine speed:	37.2 GPM (140.8 l/min)
iii) Pump delivery rate at maximum hydraulic power:	36.9 GPM (139.6 l/min)
Delivery pressure:	2223 psi (153 bar)
Power:	47.8 HP (35.7 kW)

## HITCH DIMENSIONS AS TESTED—NO LOAD



	inch	mm
A	27.1	689
B	20.5	520
C	20.9	532
D	18.9	480
E	12.0	304
F	14.4	365
G	37.0	940
H	7.9	200
I	21.9	555
J	22.6	575
K	28.9	733
L	56.6	1438
*L'	62.5	1588
M	29.7	755
N	45.7	1162
O	9.0	230
P	49.7	1262
Q	40.7	1035
R	43.5	1106

\*L' to Quick Attach ends



**JOHN DEERE 8360R DIESEL**